

WE CLAIM:

1. A method for the synergistic treatment of cancer comprising administering to a mammal in need thereof a therapeutically effective amount of an IGF1R inhibitor in combination with a therapeutically effective amount of an additional anticancer agent in amounts sufficient to achieve a synergistic result.

2. The method according to claim 1 wherein said anticancer agent is a pan HER inhibitor, a Src inhibitor, a MEK inhibitor, or an EGFR inhibitor.

10

3. The method according to claim 2 wherein the anticancer agent is an EGFR inhibitor.

4. The method according to claim 3 wherein said EGFR inhibitor is erlotinib.

15

5. The method according to claim 3 wherein said EGFR inhibitor is cetuximab.

6. The method according to claim 3 wherein said EGFR inhibitor is gefitinib.

20

7. The method according to claim 2 wherein said anticancer agent is a Src inhibitor.

25

8. The method according to claim 7 wherein the Src inhibitor is selected from the group consisting of:

[5-[(2,4,6-Trimethylphenyl)amino]carbonyl]-4-methyl-2-thiazolyl]carbamic acid, 1,1-dimethylethyl ester;

[5-[(2,4,6-Trimethylphenyl)amino]carbonyl]-4-trifluoromethyl-2-thiazolyl]carbamic acid, 1,1-dimethylethyl ester;

30

2-Amino-N-(2,4,6-trimethylphenyl)-4-trifluoromethyl-5-thiazolecarboxamide, trifluoroacetate (1:1);

[5-[(2,4,6-Trimethylphenyl)amino]carbonyl]-4-phenyl-2-thiazolyl]carbamic acid, 1,1-dimethylethyl ester;

2-Amino-N-(2,4,6-trimethylphenyl)-4-phenyl-5-thiazolecarboxamide, trifluoroacetate (1:1);

5 [5-[[phenylamino]carbonyl]-4-methyl-2-thiazolyl]carbamic acid, 1,1-dimethylethyl ester;

[5-[(2,4-Dichlorophenyl)amino]carbonyl]-4-methyl-2-thiazolyl]carbamic acid, 1,1-dimethylethyl ester;

10 5-[(2,4,6-Trimethylphenyl)amino]carbonyl]-2-thiazolyl]carbamic acid, 1,1-dimethylethyl ester;

2-Amino-N-(2,4,6-trimethylphenyl)-4-phenyl-5-thiazolecarboxamide, trifluoroacetate (1:1);

[5-[(2-Methoxy-6-methylphenyl)amino]carbonyl]-4-methyl-2-thiazolyl]carbamic acid 1,1-dimethylethyl ester;

15 [4-Methyl-5-[[[3-methyl-4-(1-methylethyl)phenyl]amino]carbonyl]-2-thiazolyl]carbamic acid 1,1-dimethylethyl ester;

[5-[(4-Bromo-2,6-dimethylphenyl)amino]carbonyl]-4-methyl-2-thiazolyl]carbamic acid 1,1-dimethylethyl ester;

20 [4-Methyl-5-[[[2-methyl-6-(1-methylethyl)phenyl]amino]carbonyl]-2-thiazolyl]carbamic acid 1,1-dimethylethyl ester;

[5-[(2,4-Dimethylphenyl)amino]carbonyl]-4-methyl-2-thiazolyl]carbamic acid 1,1-dimethylethyl ester;

[4-Methyl-5-[(2-methylphenyl)amino]carbonyl]-2-thiazolyl]carbamic acid 1,1-dimethylethyl ester;

25 [5-[(2-Chloro-6-methylphenyl)amino]carbonyl]-4-methyl-2-thiazolyl]carbamic acid 1,1-dimethylethyl ester;

[5-[[[2-(1,1-Dimethylethyl)-4-methylphenyl]amino]carbonyl]-4-methyl-2-thiazolyl]carbamic acid 1,1-dimethylethyl ester;

30 [5-[(2-Furanylmethyl)amino]carbonyl]-4-methyl-2-thiazolyl]carbamic acid 1,1-dimethylethyl ester;

[5-[[[3-Methoxy-5-(trifluoromethyl)phenyl]amino]carbonyl]-4-methyl-2-thiazolyl]carbamic acid 1,1-dimethylethyl ester;

- [5-[[[4-Cyclohexylphenyl]amino]carbonyl]-4-methyl-2-thiazolyl]carbamic acid 1,1-dimethylethyl ester;
- [5-[[[(Cyclohexylmethyl)amino]carbonyl]-4-methyl-2-thiazolyl]carbamic acid 1,1-dimethylethyl ester;
- 5 [5-[[[(2,3-Dihydro-1H-indenyl)amino]carbonyl]-4-methyl-2-thiazolyl]carbamic acid 1,1-dimethylethyl ester;
- [5-[(2,5-Dihydro-1H-pyrrol-1-yl)carbonyl]-4-methyl-2-thiazolyl]carbamic acid 1,1-dimethylethyl ester;
- [5-[(2,5-Dihydro-2,5-dimethyl-1H-pyrrol-1-yl)carbonyl]-4-methyl-2-
- 10 thiazolyl]carbamic acid 1,1-dimethylethyl ester;
- 1-[[2-[[[(1,1-Dimethylethoxy)carbonyl]amino]-4-methyl-5-thiazolyl]carbonyl]-L-prolinamide;
- [5-[(4-Formyl-1-piperazinyl)carbonyl]-4-methyl-2-thiazolyl]carbamic acid 1,1-dimethylethyl ester;
- 15 [5-[(1,4-Dioxo-8-azaspiro[4.5]decan-8-yl)carbonyl]-4-methyl-2-thiazolyl]carbamic acid 1,1-dimethylethyl ester;
- [5-[[3-[(Diethylamino)carbonyl]-1-piperidinyl]carbonyl]-4-methyl-2-thiazolyl]carbamic acid 1,1-dimethylethyl ester;
- [4-Methyl-5-[(octahydro-1-quinolinyl)carbonyl]-2-thiazolyl]carbamic acid
- 20 1,1-dimethylethyl ester;
- 2-[[[(1,1-Dimethylethoxy)carbonyl]amino]-4-methyl-5-thiazolecarboxylic acid 2-[(1,1-dimethylethoxy)carbonyl]hydrazide;
- [5-[[[(4-Methoxyphenyl)amino]carbonyl]-4-methyl-2-thiazolyl]carbamic acid 1,1-dimethylethyl ester;
- 25 [4-Methyl-5-[[[(4-methylphenyl)amino]carbonyl]-2-thiazolyl]carbamic acid 1,1-dimethylethyl ester;
- [5-[[[(1,2-Dimethylpropyl)amino]carbonyl]-4-methyl-2-thiazolyl]carbamic acid 1,1-dimethylethyl ester;
- [5-[[[(2,2-Dimethylpropyl)amino]carbonyl]-4-methyl-2-thiazolyl]carbamic
- 30 acid 1,1-dimethylethyl ester;
- [4-Methyl-5-[(2-propynylamino)carbonyl]-2-thiazolyl]carbamic acid 1,1-dimethylethyl ester;

[4-Methyl-5-[(2-propenylamino)carbonyl]-2-thiazolyl]carbamic acid 1,1-dimethylethyl ester;

[4-Methyl-5-[(methylphenylamino)carbonyl]-2-thiazolyl]carbamic acid 1,1-dimethylethyl ester;

5 [4-Methyl-5-[[3,4,5-trimethoxyphenyl]amino]carbonyl]-2-thiazolyl]carbamic acid 1,1-dimethylethyl ester;

[5-[[[2,6-Bis(1-methylethyl)phenyl]amino]carbonyl]-4-methyl-2-thiazolyl]carbamic acid 1,1-dimethylethyl ester;

10 [5-[[[3-(1H-Imidazol-1-yl)propyl]amino]carbonyl]-4-methyl-2-thiazolyl]carbamic acid 1,1-dimethylethyl ester;

[5-[[[(3,4-Difluorophenyl)methyl]amino]carbonyl]-4-methyl-2-thiazolyl]carbamic acid 1,1-dimethylethyl ester;

N-[[2-[[1,1-Dimethylethoxy]carbonyl]amino]-4-methyl-5-thiazolyl]carbonyl]-L-leucine methyl ester;

15 5-[[[2-[[1,1-Dimethylethoxy]carbonyl]amino]-4-methyl-5-thiazolyl]carbonyl]amino]-4-oxopentanoic acid methyl ester;

[5-[[[2-(Ethylthio) ethyl]amino]carbonyl]-4-methyl-2-thiazolyl] carbamic acid 1,1-dimethylethyl ester;

20 [5-[[Bis(3-methylbutyl)amino]carbonyl]-4-methyl-2-thiazolyl]carbamic acid 1,1-dimethylethyl ester;

[5-[[Ethyl(1-methylethyl)amino]carbonyl]-4-methyl-2-thiazolyl]carbamic acid 1,1-dimethylethyl ester;

2-[[1,1-Dimethylethoxy]carbonyl]amino]-4-methyl-5-thiazolecarboxylic acid 2-[[3,5-dichlorophenyl]amino]thioxomethyl]hydrazide;

25 [5-[[Bis(2-ethoxyethyl)amino]carbonyl]-4-methyl-2-thiazolyl]carbamic acid 1,1-dimethylethyl ester;

[4-Methyl-5-[[3-[(trifluoroacetyl)amino]-1-pyrrolidinyl]carbonyl]-2-thiazolyl]carbamic acid 1,1-dimethylethyl ester;

30 [5-[[2,6-Dimethylphenyl]amino]carbonyl]-4-methyl-2-thiazolyl]carbamic acid 1,1-dimethylethyl ester;

2-[[2,2-Dichloro-1-methylcyclopropyl]carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;

- 2-[(Cyclohexylacetyl)amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 2-[(2,5-Difluorobenzoyl)amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 5 2-[(5-Bromo-2-chlorobenzoyl)amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 2-[(3-Cyanobenzoyl)amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 10 2-[[4-(Acetylamino)benzoyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 4-Methyl-2-[[3-(trifluoromethyl)benzoyl]amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 4-Methyl-2-[[2-(2-phenylethyl)benzoyl]amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 15 2-[(3,5-Dimethylbenzoyl)amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 2-[(4-Ethenylbenzoyl)amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 2-[(4-Butylbenzoyl)amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 20 4-Methyl-2-[(4-pentylbenzoyl)amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 4-Methyl-2-[(1-oxo-3-phenoxypropyl)amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 25 4-Methyl-2-[(1-oxo-3-phenylpropyl)amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 2-[[3-(2-Methoxyphenyl)-1-oxopropyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 4-Methyl-2-[(2-naphthalenylacetyl)amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 30 2-[(Diphenylacetyl)amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;

- 2-[[(2-Chloro-6-fluorophenyl)acetyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 4-Methyl-2-[[(2-methylphenyl)acetyl]amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 5 2-[[(3-Methoxyphenyl)acetyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 2-[[(3,4-Dimethoxyphenyl)acetyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 10 2-[[(4-Chlorophenyl)acetyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 2-[[(1,1'-Biphenyl)-4-ylacetyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 4-Methyl-2-[(1-oxo-4-phenylbutyl)amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 15 2-[(2-Hydroxy-2-phenyl-1-oxopropyl)amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 2-[(2-Hydroxy-1-oxohexyl)amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 4-Methyl-2-[[1-oxo-4-(2-thienyl)butyl]amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 20 4-Methyl-2-[(3-thienylcarbonyl)amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 2-[(2-Benzofuranylcarbonyl)amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 25 N-[4-Methyl-5-[[(2,4,6-trimethylphenyl)amino]carbonyl]-2-thiazolyl]-4-pyridinecarboxamide, N-oxide;
- 6-Chloro-N-[4-methyl-5-[[(2,4,6-trimethylphenyl)amino]carbonyl]-2-thiazolyl]-3-pyridinecarboxamide;
- N-[4-Methyl-5-[[(2,4,6-trimethylphenyl)amino]carbonyl]-2-thiazolyl]-3-pyridinecarboxamide;
- 30 N-[4-Methyl-5-[[(2,4,6-trimethylphenyl)amino]carbonyl]-2-thiazolyl]-3-quinolinecarboxamide;

- 4-Methyl-2-[[[(4-nitrophenyl)acetyl]amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 4-Methyl-2-[(2,4,6-trichlorobenzoyl)amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 5 4-Methyl-2-[[2-[[3-(trifluoromethyl)phenyl]amino]benzoyl] amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 4-Methyl-2-[[4-(4-nitrophenyl)-1-oxobutyl]amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 4-Methyl-2-[[4-(methylsulfonyl)benzoyl]amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 10 2-[(4-Heptylbenzoyl)amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 2-[[[(2,4-Difluorophenyl)acetyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 15 (S)-2-[[2-(Dipropylamino)-1-oxopropyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 2-[(2-Biphenylenecarbonyl)amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 2-[[3-(3-Methoxyphenyl)-1-oxopropyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 20 4-Methyl-N-(2,4,6-trimethylphenyl)-2-[[[(2,4,6-trimethylphenyl)acetyl]amino]-5-thiazolecarboxamide;
- 4-Methyl-2-[(1-oxo-6-heptenyl)amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 25 2-[[[(1,3-Benzodioxol-5-yl)acetyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 4-Methyl-2-[[[2-(phenylmethoxy)phenyl]acetyl]amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 4-Methyl-2-[[[(3-phenoxyphenyl)acetyl]amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 30 2-[(3,5-Dimethoxyphenyl)acetyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;

- 2-[[4-[4-[Bis(2-chloroethyl)amino]phenyl]-1-oxobutyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 4-[[4-[[[4-methyl-5-[(2,4,6-trimethylphenyl)amino]carbonyl]-2-thiazolyl]amino]carbonyl]phenyl]amino]-4-oxobutanoic acid methyl ester;
- 5 4-Methyl-2-[(phenylsulfonyl)acetyl]amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 2-[[2-(Acetylamino)-1-oxohexyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 2-[[4-[(Dipropylamino)sulfonyl]benzoyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 10 2-[(4-Cyclohexylbenzoyl)amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 2-[(4-Bromo-3-methylbenzoyl)amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 15 2-[[2,3-Difluorophenyl]acetyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 4-Methyl-2-[[[4-(1-methylethyl)phenyl]acetyl]amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 2-[[[4-(1,1-Dimethylethyl)cyclohexyl]carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 20 N,N-Dimethyl-N'-[4-methyl-5-[(2,4,6-trimethylphenyl)amino]carbonyl]-2-thiazolyl]butanediamide;
- 2-[(1,6-Dioxohexyl)amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 25 2-[(Benzo[b]thiophen-2-ylcarbonyl)amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 2-[(1-Adamantylcarbonyl)amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 4-Methyl-2-[[[4-methylcyclohexyl]carbonyl]amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 30 2-[(1,7-Dioxooctyl)amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;

- 2-[[2-(Acetylamino)-4-(ethylthio)-1-oxobutyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 1,5-Dimethyl-N-[4-methyl-5-[[2-(2,4,6-trimethylphenyl)amino]carbonyl]-2-thiazolyl]-1H-pyrazole-3-carboxamide;
- 5 2-[[[4-methyl-5-[[2-(2,4,6-trimethylphenyl)amino]carbonyl]-2-thiazolyl]amino]carbonyl]benzoic acid;
- N-[4-Methyl-5-[[2-(2,4,6-trimethylphenyl)amino]carbonyl]-2-thiazolyl]-6-benzothiazolecarboxamide;
- 1-Ethyl-4-methyl-N-[4-methyl-5-[[2-(2,4,6-trimethylphenyl)amino]carbonyl]-2-thiazolyl]-1H-pyrazole-3-carboxamide;
- 10 4-Methyl-2-[[3-[(3H-1,2,3-triazolo[4,5-b]pyridin-3-yl)oxy)methyl]benzoyl]amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 2-[(2-Furanylcarbonyl)amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 15 2-[(4-Chlorobenzoyl)amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- [4-Methyl-5-[(2-nitrophenyl)amino]carbonyl]-2-thiazolyl]carbamic acid, 1,1-dimethylethyl ester;
- [4-Methyl-5-[[2-(2,4,6-trimethylphenyl)amino]carbonyl]-2-thiazolyl]carbamic acid, phenylmethyl ester;
- 20 Methyl[4-methyl-5-[[2-(2,4,6-trimethylphenyl)amino]carbonyl]-2-thiazolyl]carbamic acid, 1,1-dimethylethyl ester;
- [4-Methyl-5-[[methyl(2,4,6-trimethylphenyl)amino]carbonyl]-2-thiazolyl]carbamic acid, 1,1-dimethylethyl ester;
- 25 [4-Methyl-5-[[2-(2,4,6-trimethylphenyl)amino]carbonyl]-2-thiazolyl]carbamic acid, methyl ester;
- [4-Ethyl-5-[[2-(2,4,6-trimethylphenyl)amino]carbonyl]-2-thiazolyl]carbamic acid, 1,1-dimethylethyl ester;
- [5-[[2-(2,6-Dichlorophenyl)amino]carbonyl]-4-methyl-2-thiazolyl]carbamic acid, 1,1-dimethylethyl ester;
- 30 2-Amino-N-(2-methyl-6-isopropylphenyl)-4-methyl-5-thiazolecarboxamide, trifluoroacetate (1:1);

- 2-(Benzoylamino)-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 4-Methyl-2-[(phenylcetyl)amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 5 2-[[Acetylamino]acetyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-6-thiazolecarboxamide;
- 2-Amino-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarbothioamide;
- 2-[(4-Bromobenzoyl)amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 10 4-Methyl-2-[(4-nitrobenzoyl)amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 2-[(4-Cyanobenzoyl)amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 4-Methyl-2-[(5-nitro-2-furanyl)carbonyl]amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 15 4-Methyl-2-[(2-thienylcarbonyl)amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 4-[[[4-Methyl-5-[(2,4,6-trimethylphenyl) amino]carbonyl]-2-thiazolyl]amino]carbonyl]benzoic acid methyl ester;
- 20 2-[(5-Isoxazolylcarbonyl)amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 2-[(3-Furanylcarbonyl)amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 2-[[[2,4-Dimethyl-5-thiazolyl]carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 25 2-[[[4-Methoxy-3-thienyl]carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 4-Methyl-2-[(5-nitro-3-thienyl)carbonyl]amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 30 2-[[[4-[(4-Chlorophenyl)thio]-3-thienyl]carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;

- 2-[[[(5-Chloro-4-methoxy-3-thienyl)carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 2-[[[2-(4,5-Dihydro-4,4-dimethyl-2-oxazolyl)-3-thienyl]carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 5 2-[[[(2-Acetyl-3-thienyl)carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 4-Methyl-2-[[[(methylamino)carbonyl]amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 4-Methyl-2-[[[(phenylamino)carbonyl]amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 10 4-Methyl-2-[[[(4-methylphenyl)amino]carbonyl]amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 4-Methyl-2-[[[(phenylmethyl)amino]carbonyl]amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 15 2-[[[(Butylamino)carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 4-Methyl-2-[[[(propylamino)carbonyl]amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 2-[[[(Cyclohexylamino)carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 20 2-[[[(2-Chlorophenyl)amino]carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 2-[[[(3-Fluorophenyl)amino]carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 25 2-[[[(2,6-Dimethylphenyl)amino]carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- [5-[[[(2,4,6-Trimethylphenyl)amino]carbonyl]-4-methyl-2-thiazolyl]carbamic acid, phenyl ester;
- 4-Methyl-2-[[[(2-phenylethyl)amino]carbonyl]amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide
- 30 2-[[[(Hexylamino)carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;

- 2-[[[(1,1-Dimethylethyl)amino]carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 2-[[[(3-Fluoro-4-methylphenyl)amino]carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 5 2-[[[(4-Methoxyphenyl)amino]carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 2-[[[(Diethylamino)carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 2-[[[Bis(1-methylethyl)amino]carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 10 4-Methyl-2-[[[methyl(phenylmethyl)amino] carbonyl]amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 4-Methyl-2-[[[(methylphenylamino)carbonyl]amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 15 2-[[[(Cyclohexylmethylamino)carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 4-Methyl-2-[[[(1-phenylethyl)amino]carbonyl]amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 2-[[[(Cyclopropylmethyl)propylamino]carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 20 4-Methyl-2-[[[(2-methylcyclohexyl)amino]carbonyl] amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 4-Methyl-2-[[[(4-methylcyclohexyl)amino]carbonyl] amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 25 2-[[[(Cyclohexylmethyl)amino]carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 2-[[[(2,3-Dihydro-1H-inden-1-yl)amino]carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 4-Methyl-2-[[[(1-naphthalenylmethyl)amino] carbonyl]amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide
- 30 2-[[[Bis(phenylmethyl)amino]carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;

- 2,6-Dimethyl-N-[4-methyl-5-[[2,4,6-trimethylphenyl]amino]carbonyl]-2-thiazolyl]-4-morpholinecarboxamide;
- 2-Ethyl-N-[4-methyl-5-[[2,4,6-trimethylphenyl]amino]carbonyl]-2-thiazolyl]-1-piperidinecarboxamide;
- 5 1-[[[4-Methyl-5-[[2,4,6-trimethylphenyl] amino]carbonyl]-2-thiazolyl]amino]carbonyl]-3-piperidinecarboxylic acid ethyl ester;
- 3,3-Dimethyl-N-[4-methyl-5-[[2,4,6-trimethylphenyl]amino]carbonyl]-2-thiazolyl]-1-piperidinecarboxamide
- 1-[[[4-Methyl-5-[[2,4,6-trimethylphenyl]amino] carbonyl]-2-thiazolyl]amino]carbonyl]-4-piperidinecarboxylic acid ethyl ester;
- 10 4-Methyl-2-[[[(3-methyl-2-pyridinyl)amino]carbonyl]amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide
- 4-Methyl-2-[[[1-(phenylmethyl)-4-piperidinyl]amino]carbonyl]amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 15 Octahydro-N-[4-methyl-5-[[2,4,6-trimethylphenyl]amino]carbonyl]-2-thiazolyl]-1(2H)-quinolinecarboxamide;
- 3,4-Dihydro-N-[4-methyl-5-[[2,4,6-trimethylphenyl]amino]carbonyl]-2-thiazolyl]-2(1H)-isoquinolinecarboxamide;
- 2-[[[(1,5-Dimethylhexyl)amino]carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 20 4-Methyl-2-[[[(1-methylheptyl)amino]carbonyl]amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 2-[[[(2-Fluorophenyl)methyl]amino]carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 25 2-[[[(2-Methoxyphenyl)methyl]amino]carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 2-[[[(2-Ethoxyphenyl)methyl]amino]carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 2-[[[(3-Methoxyphenyl)methyl]amino]carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 30 2-[[[(4-Chlorophenyl)methyl]amino]carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;

- 2-[[[(4-Methoxyphenyl)methyl]amino]carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 2-[[[(2,2-Diphenylethyl)amino]carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide
- 5 2-[[[(2-Aminoethyl)phenylamino]carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 2-[[[2-(3-Methoxyphenyl)ethyl]amino]carbonyl] amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 2-[[[2-(3,4-Dimethoxyphenyl)ethyl]amino] carbonyl]amino]-4-methyl-N-
- 10 (2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 2-[[[2-(4-Methoxyphenyl)ethyl]amino]carbonyl] amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 4-Methyl-2-[[[(3-phenylpropyl)amino]carbonyl]amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 15 2-[[[2-(Cyclohex-1-en-1-yl)ethyl]amino]carbonyl] amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 2-[[[4-(1,1-Dimethylethyl)cyclohexyl]amino] carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 2-[[[(3-Butoxypropyl)amino]carbonyl]amino]-4-methyl-N-(2,4,6-
- 20 trimethylphenyl)-5-thiazolecarboxamide;
- 2-[[[2-(2-Methoxyphenyl)ethyl]amino] carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 2-[[[(2-Chloro-4-fluorophenyl)methyl]amino] carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 25 2-[[[(Hexylmethylamino)carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 2-[[[1-(4-Chlorophenyl)ethyl]amino]carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 2-[[[2-(3-Chlorophenyl)ethyl]amino]carbonyl]amino]-4-methyl-N-(2,4,6-
- 30 trimethylphenyl)-5-thiazolecarboxamide;
- 4-Methyl-2-[[[2-(2-thienyl)ethyl]amino] carbonyl]amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;

- 2-[[[2-(2-Fluorophenyl)ethyl]amino]carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 4-Methyl-2-[[[2-(2-pyridinyloxy)ethyl]amino] carbonyl]amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 5 2-[[[(2-Bromo-4,5-dimethoxyphenyl)methyl] methylamino]carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- (E)-2-[[[(3,7-Dimethyl-2,6-octadienyl)amino]carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 10 2-[[[(2,3-Dihydro-1,4-benzodioxin-2-yl)methyl]amino]carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 2-[[[3-Methoxy-5-(trifluoromethyl)phenyl]amino]carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 2-[[[(4-Cyclohexylphenyl)amino]carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 15 4-Methyl-2-[[[(5,6,7,8-tetrahydro-1-naphthalenyl)amino]carbonyl]amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 2-[[[(1-Anthracenylamino)carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 2-[[[(4-Chloro-1-naphthalenyl)amino]carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 20 4-Methyl-2-[[[(2-naphthalenylamino)carbonyl]amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 2-[[[(1H-Indol-5-ylamino)carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 25 2-[[[(1,3-Benzodioxol-5-ylamino)carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide
- 4-Methyl-2-[[[(2-pyrazinylamino)carbonyl]amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 2-[[[(5-Chloro-2-pyridinyl)amino]carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 30 4-Methyl-2-[[[(6-methyl-2-pyridinyl)amino]carbonyl] amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;

- 4-Methyl-2-[[[(2-methyl-4-quinoliny)amino]carbonyl] amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 2-[[[(2,3-Dihydro-1,4-benzodioxin-6-yl)amino]carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 5 2-[[[(1,1'-Biphenyl)-2-ylamino]carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 2-[[[(4-Methoxy-2-methylphenyl)amino]carbonyl] amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide
- 4-Methyl-N-(2,4,6-trimethylphenyl)-2-[[[(2,4,6-trimethylphenyl)amino]carbonyl]amino]-5-thiazolecarboxamide;
- 10 2-[[[[2-(2-Hydroxyethyl)phenyl]amino] carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 2-[[[(3-Methoxyphenyl)amino]carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 15 2-[[[(4-Methoxy[1,1'-biphenyl]-3-yl)amino]carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 2-[[[(3-Acetylphenyl)amino]carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 2-[[[(4-Cyanophenyl)amino]carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 20 2-[[[[4-Fluoro-2-(trifluoromethyl)phenyl] amino]carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide
- 2-[[[(4-Hexyloxyphenyl)amino]carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 25 4-[[[[4-Methyl-5-[(2,4,6-trimethylphenyl)amino] carbonyl]-2-thiazolyl]amino]carbonyl]amino]benzoic acid ethyl ester;
- 2-[[[(4-Decylphenyl)amino]carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 4-Methyl-2-[[[(4-propylphenyl)amino]carbonyl]amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide
- 30 4-Methyl-2-[[[(3,4,5-trimethoxyphenyl)amino] carbonyl]amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;

4-Methyl-2-[[[4-[[[(5-methyl-3-isoxazolyl)amino]sulfonyl]phenyl]amino]carbonyl]amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;

5 4-[[[4-Methyl-5-[[[(2,4,6-trimethylphenyl) amino]carbonyl]-2-thiazolyl]amino]carbonyl]amino]benzoic acid butyl ester;

2-[[[(1-Isoquinolinylamino)carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;

4-Methyl-2-[[[2-[(phenylmethyl)thio]phenyl] amino]carbonyl]amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;

10 4-Methyl-2-[[[4-[(5-phenoxyphenyl)oxy]phenyl] amino]carbonyl]amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;

2-[[[5-(1,1-Dimethylpropyl)-2-methoxyphenyl] amino]carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;

15 2-[[[(1,2-Dihydro-5-acenaphthylenyl)amino] carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;

4-Methyl-2-[[[(3-phenoxyphenyl) amino]carbonyl]amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide

4-Methyl-2-[[[2-(4-morpholinyl)phenyl]amino] carbonyl]amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;

20 4-Methyl-2-[[[2-(1-piperidinyl)phenyl] amino]carbonyl]amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;

2-[[[(1-Acetyl-2,3-dihydro-1H-indol-6-yl)amino]carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;

25 2-[[[(2-Bromo-5-methoxyphenyl)amino]carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;

2-[[[(2,3-Dimethyl-1H-indol-5-yl)amino]carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;

4-Methyl-2-[[[2-[(1-methylethyl)amino]carbonyl]phenyl]amino]carbonyl]amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;

30 2-[[[(3-Bromo-2-methylphenyl)amino]carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;

- 2-[[[(4-Methoxybutyl)amino]carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide
- 2-[[[(3,3-Dimethylbutyl)amino]carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 5 4-Methyl-2-[[[(2-methylbutyl)amino]carbonyl]amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 4-Methyl-2-[[[(3-methylbutyl)amino]carbonyl]amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 2-[[[(2-Methoxyethyl)amino]carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 10 2-[[[2-(Dimethylamino)ethyl]amino]carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 4-Methyl-2-[[[2-(methylthio)ethyl] amino]carbonyl]amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 15 2-[[[(Butylamino)carbonyl]amino]-N-(2,3-dihydro-1H-inden-5-yl)-4-methyl-5-thiazolecarboxamide;
- 2-[[[(Butylamino)carbonyl]amino]-N-2-naphthalenyl-4-methyl-5-thiazolecarboxamide;
- 2-[[[(Butylamino)carbonyl]amino]-N-(3-hydroxy-2-naphthalenyl)-4-methyl-5-thiazolecarboxamide;
- 20 2-[[[(Butylamino)carbonyl]amino]-N-(2-fluoro-5-methylphenyl)-4-methyl-5-thiazolecarboxamide;
- 2-[[[(Butylamino)carbonyl]amino]-N-(2,6-dimethylphenyl)-4-methyl-5-thiazolecarboxamide;
- 25 N-(3-Bromo-2,4,6-trimethylphenyl)-2-[[[(butylamino)carbonyl]amino]-4-methyl-5-thiazolecarboxamide;
- 2-[[[(Butylamino)carbonyl]amino]-N-[2,6-dimethyl-3-(1-methylethyl)phenyl]-4-methyl-5-thiazolecarboxamide
- N-(2-Bromo-4,6-dimethylphenyl)-2-[[[(butylamino)carbonyl]amino]-4-methyl-5-thiazolecarboxamide;
- 30 3-[[[2-[[[(Butylamino)carbonyl]amino]-4-methyl-5-thiazolyl]carbonyl]amino]-4-methyl-2-thiophenecarboxylic acid methyl ester;

- 2-[[[(Butylamino)carbonyl]amino]-4-methyl-N-(2-methyl-6-quinolinyl)-5-thiazolecarboxamide;
- 2-[[[(Butylamino)carbonyl]amino]-N-(2,6-dimethoxyphenyl)-4-methyl-5-thiazolecarboxamide;
- 5 2-[[[(Butylamino)carbonyl]amino]-N-(4-methoxy-2-naphthalenyl)-4-methyl-5-thiazolecarboxamide;
- 2-[[[(Butylamino)carbonyl]amino]-N-(2-methyl-1-naphthalenyl)-4-methyl-5-thiazolecarboxamide;
- 10 2-[[[(Butylamino)carbonyl]amino]-N-[4-(dimethylamino)-2,3,5,6-tetramethylphenyl]-4-methyl-5-thiazolecarboxamide;
- 2-[[[(Butylamino)carbonyl]amino]-N-(6-methyl-5-quinolinyl)-4-methyl-5-thiazolecarboxamide;
- 2-[[[(Butylamino)carbonyl]amino]-N-[2-(2-hydroxyethyl)-6-methylphenyl]-4-methyl-5-thiazolecarboxamide;
- 15 2-[[[(Butylamino)carbonyl]amino]-N-(2,6-dimethyl-3-nitrophenyl)-4-methyl-5-thiazolecarboxamide;
- N-(2-Bromo-3,4,6-trimethylphenyl)-2-[[[(butylamino)carbonyl]amino]-4-methyl-5-thiazolecarboxamide;
- N-(2-Acetyl-6-hydroxyphenyl)-2-[[[(butylamino)carbonyl]amino]-4-methyl-5-thiazolecarboxamide;
- 20 [4-[[[2-[[[(Butylamino)carbonyl]amino]-4-methyl-5-thiazolyl]carbonyl]amino]-2,3,5,6-tetramethylphenyl]carbamic acid 1,1-dimethylethyl ester;
- 2-[[[(Butylamino)carbonyl]amino]-N-(2,6-dichlorophenyl)-4-methyl-5-thiazolecarboxamide;
- 25 N-(4-Amino-2,3,5,6-tetramethylphenyl)-2-[[[(butylamino)carbonyl]amino]-4-methyl-5-thiazolecarboxamide;
- N-[5-(Acetylamino)-2,4-dimethylphenyl]-2-[[[(butylamino)carbonyl]amino]-4-methyl-5-thiazolecarboxamide;
- 30 N-(4-Bromo-2,6-dimethylphenyl)-2-[[[(butylamino)carbonyl]amino]-4-methyl-5-thiazolecarboxamide

- 2-[[[(Butylamino)carbonyl]amino]-N-(2-chloro-6-methylphenyl)-4-methyl-5-thiazolecarboxamide;
- 4-Methyl-2-[(methylsulfonyl)amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 5 4-Methyl-2-[[[(phenylamino)thiocarbonyl]amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 2-[[[(Ethylamino)carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- N-(2-Chloro-6-methylphenyl)-2-[(cyclopropylcarbonyl)amino]-5-thiazolecarboxamide;
- 10 2-[[[(1,1-Dimethylethyl)amino]carbonyl]amino]-N-(2-chloro-6-methylphenyl)-5-thiazolecarboxamide;
- 2-[[[(1,1-Dimethylethoxy)carbonyl]amino]-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazoleacetamide;
- 15 2-Amino-4-methyl-N-(2,4,6-trimethylphenyl)-5-thiazoleacetamide;
- N-(2-Chloro-6-methylphenyl)-2-[(4,6-dimethyl-2-pyridinyl)amino]-5-thiazolecarboxamide;
- N-(2-Chloro-6-methylphenyl)-2-[(4-ethyl-2-pyridinyl)amino]-5-thiazolecarboxamide;
- 20 N-(2-Chloro-6-methylphenyl)-2-[(2,6-dimethyl-4-pyrimidinyl)amino]-5-thiazolecarboxamide;
- N-(2-Chloro-6-methylphenyl)-2-(3-pyridazinylamino)-5-thiazolecarboxamide;
- N-(2-Chloro-6-methylphenyl)-4-methyl-2-[(2-thienylcarbonyl)amino]-5-thiazolecarboxamide;
- 25 N-(2-Chloro-6-methylphenyl)-2-[(cyclopropylcarbonyl)amino]-4-methyl-5-thiazolecarboxamide;
- N-(2-Chloro-6-methylphenyl)-4-methyl-2-[(2-furanylcarbonyl)amino]-5-thiazolecarboxamide;
- N-(2-Chloro-6-methylphenyl)-4-methyl-2-[(3-thienylcarbonyl)amino]-5-thiazolecarboxamide;
- 30 N-(2-Chloro-6-methylphenyl)-4-methyl-2-[(3-furanylcarbonyl)amino]-5-thiazolecarboxamide;

- trans-N-(2-Chloro-6-methylphenyl)-4-methyl-2-[[2-phenylcyclopropyl)carbonyl]amino]-5-thiazolecarboxamide;
- N-(2-Chloro-6-methylphenyl)-4-methyl-2-[[2-methylcyclopropyl)carbonyl]amino]-5-thiazolecarboxamide;
- 5 N-(2-Chloro-6-methylphenyl)-2-[(cyclobutylcarbonyl)amino]-4-methyl-5-thiazolecarboxamide;
- N-(2-Chloro-6-methylphenyl)-2-[(cyclopentylcarbonyl)amino]-4-methyl-5-thiazolecarboxamide;
- 10 2-(Benzoylamino)-N-(2-chloro-6-methylphenyl)-4-methyl-5-thiazolecarboxamide;
- N-(2-Chloro-6-methylphenyl)-2-[(1-oxopropyl)amino]-5-thiazolecarboxamide;
- N-(2-Chloro-6-methylphenyl)-2-[(1-oxobutyl)amino]-5-thiazolecarboxamide;
- N-(2-Chloro-6-methylphenyl)-2-[(2-ethyl-1-oxobutyl)amino]-5-
- 15 thiazolecarboxamide;
- N-(2-Chloro-6-methylphenyl)-2-[[1-phenylcyclopropyl)carbonyl]amino]-5-thiazolecarboxamide;
- N-(2-Chloro-6-methylphenyl)-2-[[1-methylcyclopropyl)carbonyl]amino]-5-thiazolecarboxamide;
- 20 N-(2-Chloro-6-methylphenyl)-2-[[2,2-dichloro-1-methylcyclopropyl)carbonyl]amino]-5-thiazolecarboxamide;
- N-(2-Chloro-6-methylphenyl)-2-[[2-methylcyclopropyl)carbonyl]amino]-5-thiazolecarboxamide;
- N-(2-Chloro-6-methylphenyl)-2-[[1-hydroxycyclopropyl)carbonyl]amino]-5-
- 25 thiazolecarboxamide;
- N-(2-Chloro-6-methylphenyl)-2-[[2,2,3,3-tetramethylcyclopropyl)carbonyl]amino]-5-thiazolecarboxamide;
- N-(2-Chloro-6-methylphenyl)-2-[[1-cyanocyclopropyl)carbonyl]amino]-5-thiazolecarboxamide;
- 30 N-(2-Chloro-6-methylphenyl)-2-[(cyclobutylcarbonyl)amino]-5-thiazolecarboxamide;

N-(2-Chloro-6-methylphenyl)-2-[(cyclopentylcarbonyl)amino]-5-thiazolecarboxamide;

N-(2-Chloro-6-methylphenyl)-2-[(cyclohexylcarbonyl)amino]-5-thiazolecarboxamide;

5 N-(2-Chloro-6-methylphenyl)-2-[(phenylacetyl)amino]-5-thiazolecarboxamide;

N-(2-Chloro-6-methylphenyl)-2-[(cyclohexylacetyl)amino]-5-thiazolecarboxamide;

10 N-(2-Chloro-6-methylphenyl)-2-[(4-pyridinylacetyl)amino]-5-thiazolecarboxamide;

N-(2-Chloro-6-methylphenyl)-2-[[2,5-dimethyl-1H-pyrrol-3-yl)carbonyl]amino]-5-thiazolecarboxamide;

N-(2-Chloro-6-methylphenyl)-2-[(2-pyridinylcarbonyl)amino]-5-thiazolecarboxamide;

15 N-(2-Chloro-6-methylphenyl)-2-[(3-pyridinylcarbonyl)amino]-5-thiazolecarboxamide;

N-(2-Chloro-6-methylphenyl)-2-[(4-pyridinylcarbonyl)amino]-5-thiazolecarboxamide;

20 N-(2-Chloro-6-methylphenyl)-2-[(3-thienylcarbonyl)amino]-5-thiazolecarboxamide;

N-(2-Chloro-6-methylphenyl)-2-[(2-thienylcarbonyl)amino]-5-thiazolecarboxamide;

N-(2-Chloro-6-methylphenyl)-2-[(2-furanylcarbonyl)amino]-5-thiazolecarboxamide;

25 N-(2-Chloro-6-methylphenyl)-2-[(3-furanylcarbonyl)amino]-5-thiazolecarboxamide;

trans-N-(2-Chloro-6-methylphenyl)-2-[[2-phenylcyclopropyl)carbonyl]amino]-5-thiazolecarboxamide;

30 N-(2-Chloro-6-methylphenyl)-2-[(2-methyl-1-oxopentyl)amino]-5-thiazolecarboxamide;

2-(Benzoylamino)-N-(2-chloro-6-methylphenyl)-5-thiazolecarboxamide;

- 2-[(Cyclopropylcarbonyl)amino]-N-(2,6-dimethylphenyl)-5-thiazolecarboxamide;
- 2-[(Cyclopropylcarbonyl)amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 5 N-(2-Chloro-4,6-dimethylphenyl)-2-[(cyclopropylcarbonyl)amino]-5-thiazolecarboxamide;
- [4-[2-Oxo-2-[(2,4,6-trimethylphenyl)amino]ethyl]-2-thiazolyl]carbamic acid 1,1-dimethylethyl ester;
- 2-Amino-N-(2,4,6-trimethylphenyl)-4-thiazoleacetamide;
- 10 5-Amino-2-methyl-N-(2,4,6-trimethylphenyl)benzamide;
- 2-Amino-5-chloro-N-(2,4,6-trimethylphenyl)-4-pyrimidinecarboxamide;
- [4-Methyl-5-[(2,4,6-trimethylphenyl)amino]carbonyl]-2-oxazolyl]carbamic acid 1,1-dimethylethyl ester;
- 2-Amino-4-(methyl)-N-(2,4,6-trimethylphenyl)-5-oxazolecarboxamide,
- 15 trifluoroacetate (1:1);
- 2-Amino-N-(2,4,6-trimethylphenyl)-5-pyridinecarboxamide;
- 3-Amino-N-(2,4,6-trimethylphenyl)-4-pyridinecarboxamide;
- N-(2-Chloro-6-methylphenyl)-2-[(4-methyl-2-pyridinyl)amino]-5-thiazolecarboxamide;
- 20 2-[(6-Amino-2-pyridinyl)amino]-N-(2-chloro-6-methylphenyl)-5-thiazolecarboxamide;
- N-(2-Chloro-6-methylphenyl)-2-[(6-propyl-2-pyridinyl)amino]-5-thiazolecarboxamide;
- N-(2-Chloro-6-methylphenyl)-2-[(6-ethyl-4-pyrimidinyl)amino]-5-thiazolecarboxamide;
- 25 'N-(2-Chloro-6-methylphenyl)-2-(2-pyridinylamino)-5-thiazolecarboxamide;
- 'N-(2-Chloro-6-methylphenyl)-2-[(6-methyl-2-pyridinyl)amino]-5-thiazolecarboxamide;
- 'N-(2-Chloro-6-methylphenyl)-2-[(5-methyl-2-pyridinyl)amino]-5-thiazolecarboxamide;
- 30 'N-(2-Chloro-6-methylphenyl)-2-[(4-methyl-2-pyridinyl)amino]-5-thiazolecarboxamide;

'N-(2-Chloro-6-methylphenyl)-2-[(3-methyl-2-pyridinyl)amino]-5-thiazolecarboxamide;

'2-[(5-Bromo-3-methyl-2-pyridinyl)amino]-N-(2-chloro-6-methylphenyl)-5-thiazolecarboxamide;

5 '2-[(6-Amino-2-pyridinyl)amino]-N-(2-chloro-6-methylphenyl)-5-thiazolecarboxamide;

'2-[(5-Bromo-2-pyridinyl)amino]-N-(2-chloro-6-methylphenyl)-5-thiazolecarboxamide;

10 'N-(2-Chloro-6-methylphenyl)-2-[[3-(phenylmethoxy)-2-pyridinyl]amino]-5-thiazolecarboxamide;

'N-(2-Chloro-6-methylphenyl)-2-[(5-chloro-2-pyridinyl)amino]-5-thiazolecarboxamide;

'N-(2-Chloro-6-methylphenyl)-2-[(6-ethyl-2-pyridinyl)amino]-5-thiazolecarboxamide;

15 'N-(2-Chloro-6-methylphenyl)-2-[(6-propyl-2-pyridinyl)amino]-5-thiazolecarboxamide;

'2-[(3-Bromo-5-methyl-2-pyridinyl)amino]-N-(2-chloro-6-methylphenyl)-5-thiazolecarboxamide;

20 '2-[(2-Amino-3-pyridinyl)amino]-N-(2-chloro-6-methylphenyl)-5-thiazolecarboxamide;

'2-[(3-Amino-2-pyridinyl)amino]-N-(2-chloro-6-methylphenyl)-5-thiazolecarboxamide;

'N-(2-Chloro-6-methylphenyl)-2-(4-pyridinylamino)-5-thiazolecarboxamide;

'N-(2-Chloro-6-methylphenyl)-2-(3-pyridinylamino)-5-thiazolecarboxamide;

25 'N-(2-Chloro-6-methylphenyl)-2-[(6-chloro-3-pyridinyl)amino]-5-thiazolecarboxamide;

'N-(2-Chloro-6-methylphenyl)-2-[(2-chloro-3-pyridinyl)amino]-5-thiazolecarboxamide;

30 'N-(2-Chloro-6-methylphenyl)-2-[(6-methoxy-3-pyridinyl)amino]-5-thiazolecarboxamide;

'N-(2-Chloro-6-methylphenyl)-2-[(3,5-dimethyl-2-pyrazinyl)amino]-5-thiazolecarboxamide;

- 'N-(2-Chloro-6-methylphenyl)-2-(phenylamino)-5-thiazolecarboxamide;
 'N-(2-Chloro-6-methylphenyl)-2-[(3-ethylphenyl)amino]-5-thiazolecarboxamide;
 'N-(2-Chloro-6-methylphenyl)-2-[(3,5-dimethylphenyl)amino]-5-thiazolecarboxamide;
 5 'N-(2-Chloro-6-methylphenyl)-2-[(4,6-dimethyl-2-pyrimidinyl)amino]-5-thiazolecarboxamide;
 'N-(2-Chloro-6-methylphenyl)-2-[(6-ethyl-4-pyrimidinyl)amino]-5-thiazolecarboxamide;
 10 'N-(2-Chloro-6-methylphenyl)-2-[(6-chloro-2-pyrazinyl)amino]-5-thiazolecarboxamide;
 '2-[(3-Aminophenyl)amino]-N-(2-chloro-6-methylphenyl)-5-thiazolecarboxamide;
 'N-(2-Chloro-6-methylphenyl)-2-[(3-hydroxyphenyl)amino]-5-thiazolecarboxamide;
 15 '2-[(3-Bromophenyl)amino]-N-(2-chloro-6-methylphenyl)-5-thiazolecarboxamide;
 'N-(2,6-Dimethylphenyl)-2-(phenylamino)-5-thiazolecarboxamide;
 'N-(2,6-Dimethylphenyl)-2-(methylphenylamino)-5-thiazolecarboxamide;
 20 'N-(2,6-Dimethylphenyl)-2-(2-pyridinylamino)-5-thiazolecarboxamide;
 'N-(2,6-Dimethylphenyl)-2-[(6-methyl-2-pyridinyl)amino]-5-thiazolecarboxamide;
 'N-(2,6-Dimethylphenyl)-2-[(4-methyl-2-pyridinyl)amino]-5-thiazolecarboxamide;
 25 'N-(2,6-Dimethylphenyl)-2-[(4-ethyl-2-pyridinyl)amino]-5-thiazolecarboxamide;
 'N-(2,6-Dimethylphenyl)-2-[(4,6-dimethyl-2-pyridinyl)amino]-5-thiazolecarboxamide;
 '2-[(6-Amino-2-pyridinyl)amino]-N-(2,6-dimethylphenyl)-5-thiazolecarboxamide;
 30 'N-(2,6-Dimethylphenyl)-2-[(6-ethyl-2-pyridinyl)amino]-5-thiazolecarboxamide;

- 'N-(2,6-Dimethylphenyl)-2-[(6-propyl-2-pyridinyl)amino]-5-thiazolecarboxamide;
- '2-[(2-Amino-3-pyridinyl)amino]-N-(2,6-dimethylphenyl)-5-thiazolecarboxamide;
- 5 '2-[(3-Amino-2-pyridinyl)amino]-N-(2,6-dimethylphenyl)-5-thiazolecarboxamide;
- '2-[(6-Amino-2-methyl-4-pyrimidinyl)amino]-N-(2,6-dimethylphenyl)-5-thiazolecarboxamide;
- 10 'N-(2,6-Dimethylphenyl)-2-[[6-(4-morpholinyl)-3-pyridazinyl]amino]-5-thiazolecarboxamide;
- '2-[(6-Chloro-3-pyridazinyl)amino]-N-(2,6-dimethylphenyl)-5-thiazolecarboxamide;
- 'N-(2,6-Dimethylphenyl)-2-(3-pyridazinylamino)-5-thiazolecarboxamide;
- '2-[(3-Aminophenyl)amino]-N-(2,6-dimethylphenyl)-5-thiazolecarboxamide;
- 15 '2-[(3-Bromophenyl)amino]-N-(2,6-dimethylphenyl)-5-thiazolecarboxamide;
- '2-(2-Pyridinylamino)-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- '2-[(6-Methyl-2-pyridinyl)amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- '2-[(5-Methyl-2-pyridinyl)amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 20 '2-[(4-Methyl-2-pyridinyl)amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- '2-[(3-Methyl-2-pyridinyl)amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 25 '2-[(5-Bromo-2-pyridinyl)amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- '2-[(5-Chloro-2-pyridinyl)amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- '2-[(6-Methoxy-3-pyridinyl)amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;
- 30 '2-[(4-Ethyl-2-pyridinyl)amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;

'2-[(6-Ethyl-2-pyridinyl)amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;

'2-[(6-Chloro-3-pyridinyl)amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;

5 '2-[(2,6-Dimethyl-4-pyrimidinyl)amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;

'2-[(4-Methyl-2-pyrimidinyl)amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;

'2-(2-Pyrazinylamino)-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide

10 '2-[(6-Chloro-2-pyrazinyl)amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;

'2-[(3,5-Dimethyl-2-pyrazinyl)amino]-N-(2,4,6-trimethylphenyl)-5-thiazolecarboxamide;

15 'N-(2-Chloro-6-methylphenyl)-2-[[2-methyl-6-[[2-(4-morpholinyl)ethyl]amino]-4-pyrimidinyl]amino]-5-thiazolecarboxamide;

'N-(2-Chloro-6-methylphenyl)-2-[[2-methyl-6-[[3-(4-morpholinyl)propyl]amino]-4-pyrimidinyl]amino]-5-thiazolecarboxamide;

'N-(2-Chloro-6-methylphenyl)-2-[[2-methyl-6-[methyl[3-(methylamino)propyl]amino]-4-pyrimidinyl]amino]-5-thiazolecarboxamide;

20 'N-(2-Chloro-6-methylphenyl)-2-[[2-methyl-6-[[2-(tetrahydro-2-oxo-1H-imidazol-1-yl)ethyl]amino]-4-pyrimidinyl]amino]-5-thiazolecarboxamide;

'N-(2-Chloro-6-methylphenyl)-2-[[2-methyl-6-[(2-1H-imidazol-4-ylethyl)amino]-4-pyrimidinyl]amino]-5-thiazolecarboxamide;

25 'N-(2-Chloro-6-methylphenyl)-2-[[2-methyl-6-(4-morpholinyl)-4-pyrimidinyl]amino]-5-thiazolecarboxamide;

'N-(2-Chloro-6-methylphenyl)-2-[[6-[[[(2R)-1-ethyl-2-pyrrolidinyl]methyl]amino]-2-methyl-4-pyrimidinyl]amino]-5-thiazolecarboxamide;

'N-(2-Chloro-6-methylphenyl)-2-[[6-[[[(2S)-1-ethyl-2-pyrrolidinyl]methyl]amino]-2-methyl-4-pyrimidinyl]amino]-5-thiazolecarboxamide;

30 '2-[[6-[(2S)-2-(Aminocarbonyl)-1-pyrrolidinyl]-2-methyl-4-pyrimidinyl]amino]-N-(2-chloro-6-methylphenyl)-5-thiazolecarboxamide;

'N-(2-Chloro-6-methylphenyl)-2-[[6-[(2-hydroxyethyl)amino]-2-methyl-4-pyrimidinyl]amino]-5-thiazolecarboxamide;

'N-(2-Chloro-6-methylphenyl)-2-[[6-[4-(hydroxymethyl)-1-piperidinyl]-2-methyl-4-pyrimidinyl]amino]-5-thiazolecarboxamide;

5 'N-(2-Chloro-6-methylphenyl)-2-[[6-[4-(2-hydroxyethyl)-1-piperazinyl]-2-methyl-4-pyrimidinyl]amino]-5-thiazolecarboxamide;

'1-[6-[[5-[[[(2-Chloro-6-methylphenyl)amino]carbonyl]-2-thiazolyl]amino]-2-methyl-4-pyrimidinyl]-4-piperidinecarboxamide;

10 'N-(2-Chloro-6-methylphenyl)-2-[[2-methyl-6-[(3S)-3-methyl-1-piperazinyl]-4-pyrimidinyl]amino]-5-thiazolecarboxamide;

'2-[[6-[3-(Acetylamino)-1-pyrrolidinyl]-2-methyl-4-pyrimidinyl]amino]-N-(2-chloro-6-methylphenyl)-5-thiazolecarboxamide;

'N-(2-Chloro-6-methylphenyl)-2-[[6-[[2-(1-methyl-2-pyrrolidinyl)ethyl]amino]-2-methyl-4-pyrimidinyl]amino]-5-thiazolecarboxamide;

15 'N-(2-Chloro-6-methylphenyl)-2-[[2-methyl-6-[(5-methyl-2-pyrazinyl)methyl]amino]-4-pyrimidinyl]amino]-5-thiazolecarboxamide;

'N-(2-Chloro-6-methylphenyl)-2-[[2-methyl-6-[[2-(1H-1,2,3-triazol-1-yl)ethyl]amino]-4-pyrimidinyl]amino]-5-thiazolecarboxamide;

20 'N-(2-Chloro-6-methylphenyl)-2-[[6-[[2-(4-morpholinyl)ethyl]amino]-4-pyrimidinyl]amino]-5-thiazolecarboxamide;

'N-(2-Chloro-6-methylphenyl)-2-[[6-[[2-(dimethylamino)ethyl]amino]-4-pyrimidinyl]amino]-5-thiazolecarboxamide;

'N-(2-Chloro-6-methylphenyl)-2-[[6-[[2-(tetrahydro-2-oxo-1H-imidazol-1-yl)ethyl]amino]-4-pyrimidinyl]amino]-5-thiazolecarboxamide;

25 'N-(2-Chloro-6-methylphenyl)-2-[[6-[methyl[2-(methylamino)ethyl]amino]-4-pyrimidinyl]amino]-5-thiazolecarboxamide;

'N-(2-Chloro-6-methylphenyl)-2-[[6-[[2-(1-methyl-2-pyrrolidinyl)ethyl]amino]-4-pyrimidinyl]amino]-5-thiazolecarboxamide;

30 'N-(2-Chloro-6-methylphenyl)-2-[[6-[[2-(1-pyrrolidinyl)ethyl]amino]-4-pyrimidinyl]amino]-5-thiazolecarboxamide;

'N-(2-Chloro-6-methylphenyl)-2-[[6-[[1-ethyl-2-pyrrolidinyl)methyl]amino]-4-pyrimidinyl]amino]-5-thiazolecarboxamide;

- 'N-(2-Chloro-6-methylphenyl)-2-[[6-[(4-piperidinylmethyl)amino]-4-pyrimidinyl]amino]-5-thiazolecarboxamide;
- '2-[[6-[[2-(Acetylamino)ethyl]amino]-4-pyrimidinyl]amino]-N-(2-chloro-6-methylphenyl)-5-thiazolecarboxamide;
- 5 'N-(2-Chloro-6-methylphenyl)-2-[[6-[[2-(1H-1,2,3-triazol-1-yl)ethyl]amino]-4-pyrimidinyl]amino]-5-thiazolecarboxamide;
- 'N-(2-Chloro-6-methylphenyl)-2-[[6-(4-morpholinyl)-4-pyrimidinyl]amino]-5-thiazolecarboxamide;
- 'N-(2-Chloro-6-methylphenyl)-2-[[6-[[2-(4-morpholinyl)ethyl]amino]-2-pyridinyl]amino]-5-thiazolecarboxamide;
- 10 'N-(2-Chloro-6-methylphenyl)-2-[[6-[[3-(4-morpholinyl)propyl]amino]-2-pyridinyl]amino]-5-thiazolecarboxamide;
- 'N-(2-Chloro-6-methylphenyl)-2-[[6-[methyl[3-(methylamino)propyl]amino]-2-pyridinyl]amino]-5-thiazolecarboxamide;
- 15 'N-(2-Chloro-6-methylphenyl)-2-[[6-[(3S)-3-methyl-1-piperazinyl]-2-pyridinyl]amino]-5-thiazolecarboxamide;
- 'N-(2-Chloro-6-methylphenyl)-2-[[6-[(3-1H-imidazol-1-yl)propyl]amino]-2-pyridinyl]amino]-5-thiazolecarboxamide;
- 'N-(2-Chloro-6-methylphenyl)-2-[[6-[(2-hydroxyethyl)amino]-2-pyridinyl]amino]-5-thiazolecarboxamide;
- 20 'N-(2-Chloro-6-methylphenyl)-2-[[6-[(2-1H-imidazol-1-ylethyl)amino]-2-pyridinyl]amino]-5-thiazolecarboxamide;
- 'N-(2-Chloro-6-methylphenyl)-2-[[6-(4-morpholinyl)-2-pyridinyl]amino]-5-thiazolecarboxamide;
- 25 'N-(2-Chloro-6-methylphenyl)-2-[[6-[[2-(4-morpholinyl)ethyl]amino]-2-pyrazinyl]amino]-5-thiazolecarboxamide;
- 'N-(2-Chloro-6-methylphenyl)-2-[[6-[[3-(4-morpholinyl)propyl]amino]-2-pyrazinyl]amino]-5-thiazolecarboxamide;
- 'N-(2-Chloro-6-methylphenyl)-2-[[6-(4-morpholinyl)-2-pyrazinyl]amino]-5-thiazolecarboxamide;
- 30 'N-(2-Chloro-6-methylphenyl)-2-[[6-[(3S)-3-methyl-1-piperazinyl]-2-pyrazinyl]amino]-5-thiazolecarboxamide;

'N-(2-Chloro-6-methylphenyl)-2-[[6-(3-hydroxy-1-pyrrolidinyl)-2-pyrazinyl]amino]-5-thiazolecarboxamide;

'N-(2-Chloro-6-methylphenyl)-2-[[6-(1H-imidazol-1-yl)-2-pyrazinyl]amino]-5-thiazolecarboxamide;

5 'N-(2-Chloro-6-methylphenyl)-2-[[6-(3-hydroxy-1-pyrrolidinyl)-3-pyridazinyl]amino]-5-thiazolecarboxamide;

'N-(2-Chloro-6-methylphenyl)-2-[[6-(1H-imidazol-1-yl)-3-pyridazinyl]amino]-5-thiazolecarboxamide;

10 'N-(2-Chloro-6-methylphenyl)-2-[[3-(methylamino)-2-pyrazinyl]amino]-5-thiazolecarboxamide;

'N-(2-Chloro-6-methylphenyl)-2-[[3-(3-hydroxy-1-pyrrolidinyl)-2-pyrazinyl]amino]-5-thiazolecarboxamide;

'N-(2-Chloro-6-methylphenyl)-2-[[3-(cyclopropylamino)-2-pyrazinyl]amino]-5-thiazolecarboxamide;

15 'N-(2-Chloro-6-methylphenyl)-2-[[3-(4-morpholinyl)-2-pyrazinyl]amino]-5-thiazolecarboxamide;

'N-(2-Chloro-6-methylphenyl)-2-[[3-[[2-(4-morpholinyl)ethyl]amino]-2-pyrazinyl]amino]-5-thiazolecarboxamide;

20 '2-[[3-[[2-(Acetylamino)ethyl]amino]-2-pyrazinyl]amino]-N-(2-chloro-6-methylphenyl)-5-thiazolecarboxamide;

'N-(2-Chloro-6-methylphenyl)-2-(cyclohexylamino)-5-thiazolecarboxamide;

'N-(2-Chloro-6-methylphenyl)-2-(methylamino)-5-thiazolecarboxamide;

'N-(2-Chloro-6-methylphenyl)-2-(cyclopropylamino)-5-thiazolecarboxamide;

25 'N-(2-Chloro-6-methylphenyl)-2-[(phenylmethyl)amino]-5-thiazolecarboxamide;

'2-[[2-(Acetylamino)ethyl]amino]-N-(2-chloro-6-methylphenyl)-5-thiazolecarboxamide;

'N-(2-Chloro-6-methylphenyl)-2-[[1R)-1-(hydroxymethyl)-3-methylbutyl]amino]-5-thiazolecarboxamide;

30 'N-(2-Chloro-6-methylphenyl)-2-[[6-(methoxymethyl)-4-pyrimidinyl]amino]-5-thiazolecarboxamide;

'N-(2-Chloro-6-methylphenyl)-2-[[6-hydroxymethyl)-4-pyrimidinyl]amino]-5-thiazolecarboxamide;

'N-(2-Chloro-6-methylphenyl)-2-[[6-(4-morpholinylmethyl)-4-pyrimidinyl]amino]-5-thiazolecarboxamide;

5 'N-(2-Chloro-6-methylphenyl)-2-[[6-[[[2-(dimethylamino)-ethyl]amino]methyl]-4-pyrimidinyl]amino]-5-thiazolecarboxamide;

'N-(2-Chloro-6-methylphenyl)-2-[[6-[[[2-(4-morpholinyl)ethyl]amino]methyl]-4-pyrimidinyl]amino]-5-thiazolecarboxamide;

10 'N-(2-Chloro-6-methylphenyl)-2-[[6-[[[3-(4-morpholinyl)propyl]-amino]methyl]-4-pyrimidinyl]amino]-5-thiazolecarboxamide;

'N-(2-Chloro-6-methylphenyl)-2-[[6-[[[3-(2-oxo-1-pyrrolidinyl)propyl]amino]methyl]-4-pyrimidinyl]amino]-5-thiazolecarboxamide;

'N-(2-Chloro-6-methylphenyl)-2-[[6-[[[2-1H-imidazol-4-ylethyl]amino]methyl]-4-pyrimidinyl]amino]-5-thiazolecarboxamide;

15 'N-(2-Chloro-6-methylphenyl)-2-[[6-[[[3-1H-imidazol-1-ylpropyl]amino]methyl]-4-pyrimidinyl]amino]-5-thiazolecarboxamide;

'N-(2-Chloro-6-methylphenyl)-2-[[6-[[[2-(2-pyridinyl)ethyl]amino]methyl]-4-pyrimidinyl]amino]-5-thiazolecarboxamide;

20 'N-(2-Chloro-6-methylphenyl)-2-[[6-[[[2-(3-pyridinyl)ethyl]amino]methyl]-4-pyrimidinyl]amino]-5-thiazolecarboxamide;

'1-[[6-[[[5-[(2-Chloro-6-methylphenyl)amino]carbonyl]-2-thiazolyl]amino]-4-pyrimidinyl]methyl]-4-piperidinecarboxamide;

'2-[[6-[[[2-(Acetylamino)ethyl]amino]methyl]-4-pyrimidinyl]amino]-N-(2-chloro-6-methylphenyl)-5-thiazolecarboxamide;

25 'N-(2-Chloro-6-methylphenyl)-2-(2-naphthalenylamino)-5-thiazolecarboxamide;

'N-(2-Chloro-6-methylphenyl)-2-(2-quinolinylamino)-5-thiazolecarboxamide;

'N-(2-Chloro-6-methylphenyl)-2-(3-isoquinolinylamino)-5-thiazolecarboxamide;

30 'N-(2-Chloro-6-methylphenyl)-2-(2-quinoxalinyllamino)-5-thiazolecarboxamide;

'N-(2-Chloro-6-methylphenyl)-4-methyl-2-[[2-methyl-6-(4-morpholinyl)-4-pyrimidinyl]amino]-5-thiazolecarboxamide;

'N-(2-Chloro-6-methylphenyl)-4-methyl-2-[[2-methyl-6-[[2-(4-morpholinyl)ethyl]amino]-4-pyrimidinyl]amino]-5-thiazolecarboxamide;

5 '2-[(2,6-Dimethyl-4-pyrimidinyl)amino]-N-phenyl-5-thiazolecarboxamide;

'2-[(2,6-Dimethyl-4-pyrimidinyl)methylamino]-N-(2-methylphenyl)-5-thiazolecarboxamide;

'2-[(2,6-Dimethyl-4-pyrimidinyl)amino]-N-(2-methylphenyl)-5-thiazolecarboxamide;

10 'N-(3,5-Dimethoxyphenyl)-2-[(2,6-dimethyl-4-pyrimidinyl)amino]-5-thiazolecarboxamide;

'N-[2,6-Bis(1-methylethyl)phenyl]-2-[(2,6-dimethyl-4-pyrimidinyl)amino]-5-thiazolecarboxamide;

15 'N-(2-Chloro-6-methylphenyl)-2-[2,6-dimethyl-4-pyrimidinyl)methylamino]-5-thiazolecarboxamide;

'N-(2-Chloro-6-methylphenyl)-2-[(2,6-dimethyl-4-pyrimidinyl)amino]-N-methyl-5-thiazolecarboxamide;

N-, N-(2-Chloro-6-methylphenyl)-(4-methoxybenzyl)-2-[(6-bromo-2-pyridinyl)amino]-5-thiazolecarboxamide;

20 N-(2-Chloro-6-methylphenyl)-2-[(6-bromo-2-pyridinyl)amino]-5-thiazolecarboxamide;

'N-(2-Chloro-6-methylphenyl)-2-[[6-[4-(2-furanylcarbonyl)-1-piperazinyl]-2-pyridinyl]amino]-5-thiazolecarboxamide;

25 '2-[[6-[[3-(1H-Benzimidazol-1-yl)propyl]amino]-2-pyridinyl]amino]-N-(2-chloro-6-methylphenyl)-5-thiazolecarboxamide;

'N-(2-Chloro-6-methylphenyl)-2-[[6-[[4-(1H-imidazol-1-yl)butyl]amino]-2-pyridinyl]amino]-5-thiazolecarboxamide;

'N-(2-Chloro-6-methylphenyl)-2-[[6-[[5-(1H-imidazol-1-yl)pentyl]amino]-2-pyridinyl]amino]-5-thiazolecarboxamide;

30 'N-(2-Chloro-6-methylphenyl)-2-[[6-[[3-(4-methyl-1-piperazinyl)propyl]amino]-2-pyridinyl]amino]-5-thiazolecarboxamide;

- 'N-(2-Chloro-6-methylphenyl)-2-[[6-[[4-(1H-imidazol-1-yl)phenyl]amino]-2-pyridinyl]amino]-5-thiazolecarboxamide;
- 'N-(2-Chloro-6-methylphenyl)-2-[[6-[[6-(1H-imidazol-1-yl)hexyl]amino]-2-pyridinyl]amino]-5-thiazolecarboxamide;
- 5 'N-(2-Chloro-6-methylphenyl)-2-[[6-[(3-1H-imidazol-1-yl)propyl]amino]-2-pyridinyl]amino]-5-thiazolecarboxamide;
- '2-[[6-[[3-(1H-Imidazol-1-yl)propyl]amino]-2-pyridinyl]amino]-N-(4-methoxyphenyl)-5-thiazolecarboxamide;
- '2-[[6-[[3-(1H-Imidazol-1-yl)propyl]amino]-2-pyridinyl]amino]-N-(4-phenoxyphenyl)-5-thiazolecarboxamide;
- 10 'N-(4-Chlorophenyl)-2-[[6-[[3-(1H-imidazol-1-yl)propyl]amino]-2-pyridinyl]amino]-5-thiazolecarboxamide;
- '2-[[6-[[3-(1H-Imidazol-1-yl)propyl]amino]-2-pyridinyl]amino]-N-[1-(phenylmethyl)-1H-indazol-5-yl]-5-thiazolecarboxamide;
- 15 'N-(2-Ethylphenyl)-2-[[6-[[3-(1H-imidazol-1-yl)propyl]amino]-2-pyridinyl]amino]-5-thiazolecarboxamide;
- 'N-(2,6-Dimethoxyphenyl)-2-[[6-[[3-(1H-imidazol-1-yl)propyl]amino]-2-pyridinyl]amino]-5-thiazolecarboxamide;
- 'N-(2,4-Dimethoxyphenyl)-2-[[6-[[3-(1H-imidazol-1-yl)propyl]amino]-2-pyridinyl]amino]-5-thiazolecarboxamide;
- 20 '2-[[6-[[3-(1H-Imidazol-1-yl)propyl]amino]-2-pyridinyl]amino]-N-phenyl-5-thiazolecarboxamide;
- '2-[[6-[[3-(1H-Imidazol-1-yl)propyl]amino]-2-pyridinyl]amino]-N-(2-methylphenyl)-5-thiazolecarboxamide;
- 25 'N-(2-Chlorophenyl)-2-[[6-[[3-(1H-imidazol-1-yl)propyl]amino]-2-pyridinyl]amino]-5-thiazolecarboxamide;
- 'N-(2,6-Diethylphenyl)-2-[[6-[[3-(1H-imidazol-1-yl)propyl]amino]-2-pyridinyl]amino]-5-thiazolecarboxamide;
- 'N-(2-Chloro-6-methylphenyl)-2-[[6-[[3-(1H-imidazol-1-yl)propyl]amino]-2-pyridinyl]amino]-4-methyl-5-thiazolecarboxamide;
- 30 '2-[[6-[[3-(1H-Imidazol-1-yl)propyl]amino]-2-pyridinyl]amino]-4-methyl-N-[1-(phenylmethyl)-1H-indazol-5-yl]-5-thiazolecarboxamide;

'N-(2-Chloro-6-methylphenyl)-2-[[3-[[3-(1H-imidazol-1-yl)propyl]amino]phenyl]amino]-5-thiazolecarboxamide;

'N-(2-Chloro-6-methylphenyl)-2-[[5-[[3-(1H-imidazol-1-yl)propyl]amino]-2-nitrophenyl]amino]-5-thiazolecarboxamide;

5 N-(2-Chloro-6-methylphenyl)-2-[(3,4,5-trimethoxy-phenyl)amino]-5-thiazolecarboxamide;

 N-(2-Chloro-6-methyl-phenyl)-2-[(4-methoxy-phenyl)amino]-5-thiazolecarboxamide;

10 N-(2-Chloro-6-methyl-phenyl)-2-[(3-methoxy-phenyl)amino]-5-thiazolecarboxamide;

 N-(2-Chloro-6-methyl-phenyl)-2-[(2-methoxy-phenyl)amino]-5-thiazolecarboxamide;

 N-(2-Chloro-6-methyl-phenyl)-2-[(3,5-dimethoxyphenyl)amino]-5-thiazolecarboxamide;

15 N-(2-Chloro-6-methyl-phenyl)-2-[[4-(dimethylamino)-phenyl]amino]-5-thiazolecarboxamide;

 N-(2-Chloro-6-methylphenyl)-2-[[4-(4-morpholinyl)phenyl]amino]-5-thiazolecarboxamide;

20 N-(2-Chloro-6-methylphenyl)-2-[[3-(carboxymethyl)-phenyl]amino]-5-thiazolecarboxamide;

 N-(2-Chloro-6-methylphenyl)-2-[[3-(3-carboxypropyl)-phenyl]amino]-5-thiazolecarboxamide;

 N-(2-Chloro-6-methylphenyl)-2-[[4-(carboxymethyl)phenyl]amino]-5-thiazolecarboxamide;

25 N-(2-Chloro-6-methylphenyl)-2-[(2-methyl-1H-benzimidazol-5-yl)amino]-5-thiazolecarboxamide;

 N-(2-Chloro-6-methylphenyl)-2-[[1-[3-(1H-imidazol-1-yl)propyl]-1H-benzimidazol-4-yl]amino]-5-thiazolecarboxamide;

30 N-(2-Chloro-6-methylphenyl)-2-[[1-[2-(1H-imidazol-1-yl)ethyl]-1H-indazol-6-yl]amino]-5-thiazolecarboxamide;

 N-(2-Chloro-6-methylphenyl)-2-[[2-[2-(1H-imidazol-1-yl)ethyl]-2H-indazol-6-yl]amino]-5-thiazolecarboxamide;

N-(2-Chloro-6-methylphenyl)-2-[(1-methyl-1H-benzimidazol-6-yl)amino]-5-thiazolecarboxamide;

N-(2-Chloro-6-methylphenyl)-2-[(1-methyl-1H-benzimidazol-5-yl)amino]-5-thiazolecarboxamide;

5 N-(2-Chloro-6-methylphenyl)-2-[[2-[3-(1H-imidazol-1-yl)propyl]amino]-1H-benzimidazol-5-yl]amino]-5-thiazolecarboxamide;

N-(2-Chloro-6-methylphenyl)-2-[[2-(4-morpholinylmethyl)-1H-benzimidazol-5-yl]amino]-5-thiazolecarboxamide;

10 N-(2-Chloro-6-methylphenyl)-2-[[2-(1H-imidazol-1-ylmethyl)-1H-benzimidazol-5-yl]amino]-5-thiazolecarboxamide;

N-(2-Chloro-6-methylphenyl)-2-[[3-[[5-(1H-imidazol-1-yl)-2-pyridinyl]amino]phenyl]amino]-5-thiazolecarboxamide;

N-(2-Chloro-6-methylphenyl)-2-[[3-[3-(1H-imidazol-1-yl)propoxy]phenyl]amino]-5-thiazolecarboxamide;

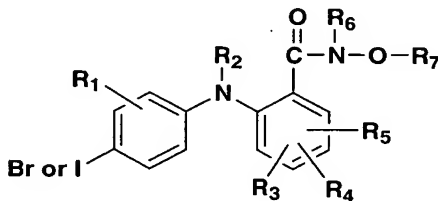
15 N-(2-Chloro-6-methylphenyl)-2-[[4-[3-(1H-imidazol-1-yl)propoxy]phenyl]amino]-5-thiazolecarboxamide;

N-(2-Chloro-6-methylphenyl)-2-[[3-[[[3-(1H-imidazol-1-yl)propyl]amino]sulfonyl]phenyl]amino]-5-thiazolecarboxamide; and

20 N-(2-Chloro-6-methylphenyl)-2-[[4-[[[3-(1H-imidazol-1-yl)propyl]amino]sulfonyl]phenyl]amino]-5-thiazolecarboxamide.

9. The method according to claim2 wherein said anticancer agent is a MEK inhibitor having the formula:

25



wherein

R₁ is hydrogen, hydroxy, C₁-C₈ alkyl, C₁-C₈ alkoxy, halo, trifluoromethyl, or CN;

R₂ is hydrogen;

R₃, R₄, and R₅ independently are hydrogen, hydroxy, halo, trifluoromethyl, C₁-C₈ alkyl, C₁-C₈ alkoxy, nitro, CN, or (O or NH)_m-(CH₂)_n-R₉, where R₉ is hydrogen, hydroxy, CO₂H or NR₁₀R₁₁;

5 n is 0 to 4;

m is 0 or 1;

R₁₀ and R₁₁ independently are hydrogen or C₁-C₈ alkyl, or taken together with the nitrogen to which they are attached can complete a 3- to 10-member cyclic ring optionally containing one, two, or three additional heteroatoms selected from O, S,

10 NH, or N- C₁-C₈ alkyl;

R₆ is hydrogen, C₁-C₈ alkyl, $\overset{\text{O}}{\parallel}\text{C}-\text{C}_1-\text{C}_8$ alkyl, aryl, aralkyl, or C₃-C₁₀ cycloalkyl;

R₇ is hydrogen, C₁-C₈ alkyl, C₂-C₈ alkenyl, C₂-C₈ alkynyl, C₃-C₁₀ (cycloalkyl or cycloalkyl optionally containing a heteroatom selected from O, S, or NR₉); and

15 wherein any of the foregoing alkyl, alkenyl, and alkynyl groups can be unsubstituted or substituted by cycloalkyl (or cycloalkyl optionally containing a heteroatom selected from O, S, or NR₉), aryl, aryloxy, heteroaryl, or heteroaryloxy; or R₆ and R₇ taken together with the N-0 to which they are attached can complete a 5- to 10-membered cyclic ring, optionally containing one, two, or three additional
20 heteroatoms selected from O, S, or NR₁₀R₁₁.

10. The method according to claim 9 wherein said MEK inhibitor is selected from the group consisting of:

- 25 4-Fluoro-N-hydroxy-2-(4-iodo-2-methyl-phenylamino)-benzamide;
4-Fluoro-2-(4-iodo-2-methyl-phenylamino)-N-(methoxy)-benzamide;
4-Fluoro-2-(4-iodo-2-methyl-phenylamino)-N-(prop-2-ynyloxy)-benzamide;
4-Fluoro-2-(4-iodo-2-methyl-phenylamino)-N-(2-phenoxyethoxy)-benzamide;
4-Fluoro-2-(4-iodo-2-methyl-phenylamino)-N-(2-thienylmethoxy)-benzamide;
4-Fluoro-2-(4-iodo-2-methyl-phenylamino)-N-(prop-2-enyloxy)-benzamide;
30 4-Fluoro-2-(4-iodo-2-methyl-phenylamino)-N-(cyclopropylmethoxy)-benzamide;
4-Fluoro-2-(4-iodo-2-methyl-phenylamino)-N-(cyclopentoxo)-benzamide;

- 4-Fluoro-N-hydroxy-2-(4-iodo-2-methyl-phenylamino)-N-isopropyl-
benzamide; and
- 4-Fluoro-N-hydroxy-2-(4-iodo-2-methyl-phenylamino)-N-methyl-benzamide.
- 3,4-Difluoro-2-(4-iodo-2-methyl-phenylamino)-N-(3-furylmethoxy)-
- 5 benzamide;
- 3,4-Difluoro-2-(4-iodo-2-methyl-phenylamino)-N-ethoxy-benzamide;
- 3,4-Difluoro-2-(4-iodo-2-methyl-phenylamino)-N-(but-2-enyloxy)-
benzamide;
- 3,4-Difluoro-2-(4-iodo-2-methyl-phenylamino)-N-(cyclopropyl-methoxy)-
- 10 benzamide;
- 3,4-Difluoro-2-(4-iodo-2-methyl-phenylamino)-N-(1-methylprop-2-ynyloxy)-
benzamide;
- 3,4-Difluoro-2-(4-iodo-2-methyl-phenylamino)-N-(3-phenylprop-2-ynyloxy)-
benzamide;
- 15 3,4-Difluoro-2-(4-iodo-2-methyl-phenylamino)-N-(3-methyl-5-phenylpent-2-
en-4-ynyloxy)-benzamide;
- 3,4-Difluoro-2-(4-iodo-2-methyl-phenylamino)-N-(prop-2-ynyloxy)-
benzamide;
- 3,4-Difluoro-2-(4-iodo-2-methyl-phenylamino)-N-(propoxy)-benzamide;
- 20 3,4-Difluoro-2-(4-iodo-2-methyl-phenylamino)-N-(cyclobutoloxy)-
benzamide;
- 3,4-Difluoro-2-(4-iodo-2-methyl-phenylamino)-N-(2-thienylmethoxy)-
benzamide;
- 3,4-Difluoro-2-(4-iodo-2-methyl-phenylamino)-N-(2-methyl-prop-2-enyloxy)-
- 25 benzamide;
- 3,4-Difluoro-2-(4-iodo-2-methyl-phenylamino)-N-(2-phenoxyethoxy)-
benzamide;
- 3,4-Difluoro-2-(4-iodo-2-methyl-phenylamino)-N-(but-2-enyloxy)-
benzamide;
- 30 3,4-Difluoro-2-(4-iodo-2-methyl-phenylamino)-N-(but-3-ynyloxy)-
benzamide;

3,4-Difluoro-2-(4-iodo-2-methyl-phenylamino)-N-(cyclopentyloxy)-benzamide;

3,4-Difluoro-2-(4-iodo-2-methyl-phenylamino)-N-(3-(2-fluorophenyl)-prop-2-ynyloxy)-benzamide;

5 3,4-Difluoro-2-(4-iodo-2-methyl-phenylamino)-N-(tetrahydro-pyran-2-yloxy)-benzamide;

3,4-Difluoro-N-hydroxy-2-(4-iodo-2-methyl-phenylamino)-benzamide;

3,4-Difluoro-2-(2-chloro-4-iodo-phenylamino)-N-cyclobutylmethoxy-benzamide;

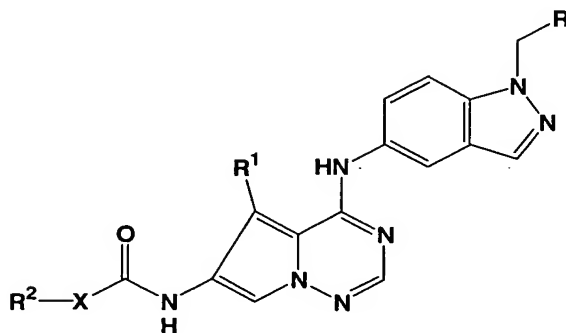
10 3,4-Difluoro-2-(2-chloro-4-iodo-phenylamino)-N-(tetrahydro-pyran-2-yloxy)-benzamide; and

3,4-Difluoro-2-(2-chloro-4-iodo-phenylamino)-N-cyclopropylmethoxy-benzamide.

15 11. The method according to claim 2 wherein said anticancer agent is a pan HER inhibitor.

12. The method according to claim 11 wherein said pan HER inhibitor has the formula:

20



wherein

25 R is selected from the group consisting of aryl, substituted aryl, heterocyclo, and substituted heterocyclo;

R¹ is selected from the group consisting of alkyl and substituted alkyl;

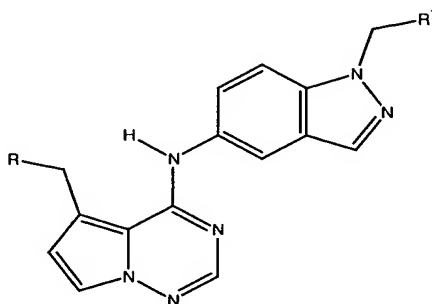
R^2 is selected from the group consisting of hydrogen, alkyl, substituted alkyl, cycloalkyl, substituted cycloalkyl, aryl, substituted aryl, aralkyl, heterocyclo, and substituted heterocyclo; or, R^2 may be absent;

X is selected from the group consisting of a bond, O, S, $C(R^3)_2$, $C(R^3)_3$, NR^3 ,
5 and $N(R^3)_2$;

R^3 is independently selected from the group consisting of hydrogen, alkyl, substituted alkyl, aryl, substituted aryl, aralkyl, heterocyclo, and substituted heterocyclo,

and pharmaceutically acceptable salts, prodrugs, enantiomers, diastereomers,
10 and solvates thereof.

13. The method according to claim 11 wherein said pan HER inhibitor has the formula:



its enantiomers, diastereomers, and pharmaceutically acceptable salts, prodrugs and solvates thereof, wherein

R is selected from the group consisting of SR^2 , SOR^2 , SO_2R^2 , OR^2 , and
20 NR^3R^4 ;

R^1 is selected from the group consisting of aryl, substituted aryl, heterocyclo, and substituted heterocyclo;

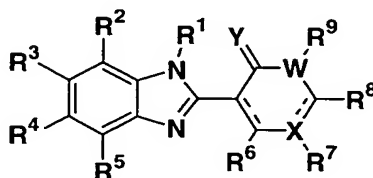
R^2 is selected from the group consisting of hydrogen, alkyl, substituted alkyl, aryl, substituted aryl, aralkyl, heterocyclo, and substituted heterocyclo;

25 R^3 and R^4 are independently selected from the group consisting of hydrogen, alkyl, substituted alkyl, aryl, substituted aryl, heterocyclo, and substituted heterocyclo;

or R^2 and R^3 may together form an optionally substituted monocyclic 4-8 membered saturated or unsaturated carbocyclic or heterocyclic ring, or an optionally substituted bicyclic 7 to 12 membered saturated or unsaturated carbocyclic or heterocyclic ring.

5

14. The method according to claim 2 wherein said IGF1R inhibitor has the formula I:



I

10

and includes enantiomers, diastereomers, pharmaceutically acceptable salts, hydrates, prodrugs and solvates thereof:

wherein

X is N, C_1 - C_3 alkyl, or a direct bond;

15

Y is O or S ;

W is N, C, O, or S; provided that if W is O or S, R^9 is absent;

R^1 is H, alkyl, or alkoxy;

R^2 and R^9 are independently H or alkyl;

R^3 is H, C_{1-6} alkyl, alkenyl, alkynyl, cycloalkyl, heterocycloalkyl, halo, amino, $-OR^{60}$, $-NO_2$, $-OH$, $-SR^{60}$, $-NR^{60}R^{61}$, $-CN$, $-C(O)R^{60}$, $-CO_2R^{60}$, $-CONR^{60}R^{61}$, $OCONR^{60}R^{61}$, $-NR^{62}CONR^{60}R^{61}$, $-NR^{60}SO_2R^{61}$, $-SO_2NR^{60}R^{61}$, $-SO_2R^{63}$, $-C(NR^{62})NR^{60}R^{61}$, $-C(NH^{62})$ -morpholine, aryl, heteroaryl, $-(CH_2)_nC(O)_2-R^{60}$, $-NR^{60}R^{61}-(CH_2)_nOR^{60}$, $-(CH_2)_nNR^{60}R^{61}$, $-(CH_2)_nSR^{60}$, $-(CH_2)_n$ aryl, $-(CH_2)_n$ heteroaryl, or $-(CH_2)_n$ heterocycloalkyl, wherein n is 1 to 3:

25

R^4 is H, halo, alkyl or haloalkyl;

R^5 is H, alkyl, halo, or aryl;

R^6 , R^7 , and R^8 are each independently $-NH-Z$ -aryl or $-NH-Z$ -heteroaryl wherein Z is $C_1 - C_4$ alkyl, alkenyl, or alkynyl; Z optionally having one or more

hydroxy, thiol, alkoxy, thioalkoxy, amino, halo, $\text{NR}^{60}\text{SO}_2\text{R}^{61}$ groups; Z optionally incorporating one or more groups selected from the group consisting of CO, CNOH, CNOR^{60} , CNNR^{60} , CNNCOR^{60} and $\text{CNNSO}_2\text{R}^{60}$;

R^{60} , R^{61} , R^{62} , and R^{63} are independently selected from the group consisting of
 5 H, alkyl, alkenyl, alkynyl, cycloalkyl, cycloalkylalkyl, hydroxy, alkoxy, aryl, heteroaryl, heteroarylalkyl, and alkyl- R^{25} ;

R^{25} is hydrogen, alkenyl, hydroxy, thiol, alkoxy, thioalkoxy, amino, alkylamino, dialkylamino, aryl, heteroaryl, cyano, halo, sulfoxy, sulfonyl, $-\text{NR}^{30}\text{COOR}^{31}$, $-\text{NR}^{30}\text{C(O)R}^{31}$, $-\text{NR}^{30}\text{SO}_2\text{R}^{31}$, $-\text{C(O)NR}^{30}\text{R}^{31}$, heteroaryl or
 10 heterocycloalkyl; and

R^{30} and R^{31} are, independently, hydrogen, alkyl, or cycloalkyl.

15 15. The method according to claim 14 wherein R^3 is an optionally substituted morpholine, thiomorpholine, sulfoxymorpholine, sulfonylmorpholine, or homomorpholine.

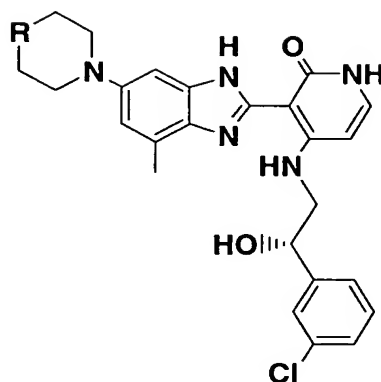
16. The method according to claim 14 wherein R^3 is a substituted or unsubstituted piperazine or piperadine.

20 17. The method according to claim 14 wherein R^6 is -NH-Z-aryl, or -NH-Z-heteroaryl.

25 18. The method according to claim 17 wherein said aryl is a substituted or unsubstituted phenyl.

19. The method according to claim 17 wherein said heteroaryl is a substituted or unsubstituted pyridinyl, imidazolyl, pyrazolyl, pyrrolyl or triazolyl.

30 20. The method according to claim 2 wherein the anticancer agent is cetuximab, erlotinib, or gefitinib and the IGF1R inhibitor is of the following formula:



wherein R is -NCH₂CH₂OMe or O.

5 21. The method according to Claim 1 wherein the anticancer agent is a microtubule-affecting agent; a natural product or derivative thereof, or a platinum coordination complex.

22. The method according to claim 21 wherein said microtubule-affecting
10 agent is allocolchicine, Halichondrin B, colchicine, colchicine derivatives, dolastatin 10, maytansine, rhizoxin, paclitaxel, a paclitaxel derivative, thiocolchicine, trityl cysteine, vinblastine sulfate, vincristine sulfate, epothilone A, epothilone B, discodermolide, estramustine, nocodazole, or MAP4.

15 23. The method according to claim 21 wherein said natural product is a vinca alkaloid, an antitumor antibiotic, an enzyme, lymphokine, epipodophyllotoxin, Vinblastine, Vincristine, Vindesine, Bleomycin, Dactinomycin, Daunorubicin, Doxorubicin, Epirubicin, Idarubicin, Ara-C, Mithramycin, Deoxyco-formycin, Mitomycin-C, L-Asparaginase, an Interferon, Etoposide, or Teniposide.

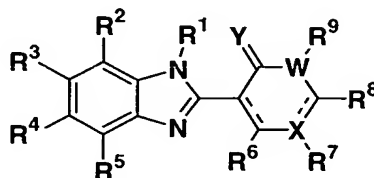
20

24. The method according to claim 21 wherein said platinum coordination complex is cisplatin or carboplatin.

25 25 The method according to claim 23 wherein said anticancer agent is
25 etoposide.

26. The method according to claim 21 wherein said anticancer agent is paclitaxel.

5 27. The method according to claim 21 wherein said IGF1R inhibitor has the formula I:



I

10 and includes enantiomers, diastereomers, pharmaceutically acceptable salts, hydrates, prodrugs and solvates thereof:

wherein

X is N, C₁-C₃ alkyl, or a direct bond;

Y is O or S ;

15 W is N, C, O, or S; provided that if W is O or S, R⁹ is absent;

R¹ is H, alkyl, or alkoxy;

R² and R⁹ are independently H or alkyl;

20 R³ is H, C₁₋₆ alkyl, alkenyl, alkynyl, cycloalkyl, heterocycloalkyl, halo, amino, -OR⁶⁰, -NO₂, -OH, -SR⁶⁰, -NR⁶⁰R⁶¹, -CN, -C(O)R⁶⁰, -CO₂R⁶⁰, -CONR⁶⁰R⁶¹, OCONR⁶⁰R⁶¹, -NR⁶²CONR⁶⁰R⁶¹, -NR⁶⁰SO₂R⁶¹, -SO₂NR⁶⁰R⁶¹, -SO₂R⁶³, -C(NR⁶²)NR⁶⁰R⁶¹, -C(NH⁶²)-morpholine, aryl, heteroaryl, -(CH₂)_nC(O)₂-R⁶⁰, -NR⁶⁰R⁶¹-(CH₂)_nOR⁶⁰, -(CH₂)_nNR⁶⁰R⁶¹, -(CH₂)_nSR⁶⁰, -(CH₂)_n aryl, -(CH₂)_n heteroaryl, or -(CH₂)_n heterocycloalkyl, wherein n is 1 to 3:

R⁴ is H, halo, alkyl or haloalkyl;

25 R⁵ is H, alkyl, halo, or aryl;

R⁶, R⁷, and R⁸ are each independently -NH-Z-aryl or -NH-Z-heteroaryl wherein Z is C₁ - C₄ alkyl, alkenyl, or alkynyl; Z optionally having one or more hydroxy, thiol, alkoxy, thioalkoxy, amino, halo, NR⁶⁰SO₂R⁶¹ groups; Z optionally

incorporating one or more groups selected from the group consisting of CO, CNOH, CNOR⁶⁰, CNNR⁶⁰, CNNCOR⁶⁰ and CNNSO₂R⁶⁰;

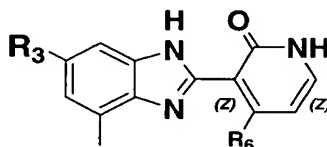
R⁶⁰, R⁶¹, R⁶², and R⁶³ are independently selected from the group consisting of H, alkyl, alkenyl, alkynyl, cycloalkyl, cycloalkylalkyl, hydroxy, alkoxy, aryl, heteroaryl, heteroarylalkyl, and alkyl-R²⁵;

R²⁵ is hydrogen, alkenyl, hydroxy, thiol, alkoxy, thioalkoxy, amino, alkylamino, dialkylamino, aryl, heteroaryl, cyano, halo, sulfoxy, sulfonyl, -NR³⁰COOR³¹, -NR³⁰C(O)R³¹, -NR³⁰SO₂R³¹, -C(O)NR³⁰R³¹, heteroaryl or heterocycloalkyl; and

R³⁰ and R³¹ are, independently, hydrogen, alkyl, or cycloalkyl.

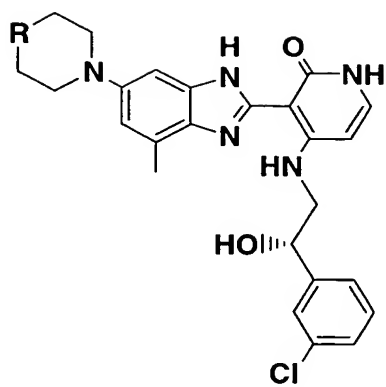
28. The method according to claim 27 wherein said anticancer agent is etoposide, paclitaxel, or cisplatin.

29. The method according to claim 28 wherein the IGF1R inhibitor has the formula:



wherein R³ is an unsubstituted or substituted morpholine, piperazine or piperidine and R⁶ is -NHZ-aryl or -NHZ-heteroaryl.

30. The method according to claim 28 wherein said IGF1R inhibitor has the formula:



wherein R is $-NCH_2CH_2OMe$ or O .